1 **FINAL** 2 SUPPLEMENTAL ENVIRONMENTAL IMPACT REPORT/ 3 **ENVIRONMENTAL IMPACT STATEMENT (SEIR/EIS)** 4 5 Bel Marin Keys Unit V Expansion of the Hamilton Wetland Restoration Project Novato, Marin County, California 6 7 8 The responsible federal lead agency is the U.S. Army Corps of Engineers, San Francisco District (Corps). The responsible state lead agency is the California State Coastal Conservancy (Conservancy). The San 9 Francisco Bay Conservation and Development Commission (BCDC) is a cooperating agency. 10 11 12 **Abstract:** This report describes and analyzes the potential environmental effects of proposed restoration of tidal salt marsh and other wetland habitat at the Bel Marin Keys Unit V (BMKV) property as an 13 expansion of the Hamilton Wetland Restoration Project (HWRP). The final EIR/EIS for the HWRP was 14 issued in 1998, and the project was authorized in the federal Water Resources Development Act (WRDA) 15 of 1999. The Conservancy purchased the BMKV site in 2001 with the intent of proposing restoration on 16 the site. This report will support decision making by the Corps, Conservancy, and other responsible 17 agencies to implement the proposed expansion and to ensure compliance with the National Environmental 18 Policy Act (NEPA), the California Environmental Quality Act (CEQA), and other pertinent laws and 19 20 regulations. The Final SEIR/EIS consists of two volumes: one volume contains the text of the SEIR/EIS, 21 as revised, and the appendices; a second volume contains the comments received on the Draft SEIR/EIS 22 and the responses. 23 24 The purpose of the BMKV expansion is to restore important tidal wetland habitat in San Francisco Bay 25 and restoration at the BMKV site represents the implementation of local, regional, and national planning 26 efforts. Three alternatives are analyzed in this document: Alternative 1 – Dredged Material Placement 27 with Enlarged Pacheco Pond; Revised Alternative 2 – Dredged Material Placement with Seasonal 28 Wetlands and Enlarged Pacheco Pond; and Alternative 3 - Natural Sedimentation with Enlarged Pacheco Pond. The alternatives include restoration of tidal and other wetland habitats, construction and 29 improvement of levees, installation of new water conveyance structures, and construction of a 30 31 recreational trail, among other elements. The environmental consequences of each alternative are 32 discussed. Where significant impacts are identified, mitigation is proposed where feasible mitigation has 33 been identified. The Corps and the Conservancy have selected revised Alternative 2 as the preferred 34 alternative, which is also the environmentally superior alternative. 35 36 Federal, state, and local agencies and the public will have an opportunity to comment on this document during a 30-day comment period. Information on the project can be found on the Internet at http:// 37 38 www.coastalconservancy.ca.gov/belmarin. The document is also available at the City of Novato downtown library, Marin County central library. 39 40 FOR FURTHER INFORMATION: Questions and/or written comments about the proposed action and 41 42 Final SEIR/EIS can be addressed to: 43 Tom Gandesbery, California State Coastal Conservancy, 1330 Broadway, 11th Floor, Oakland, CA 44

Eric Jolliffe, U.S. Army Corps of Engineers, San Francisco District, 333 Market Street., 7th Floor, San Francisco, CA 94105; Eric.F.Jolliffe@spd02.usace.army.mil; (415) 977-8543.

94612-2530; tgandesbery@scc.ca.gov; (510) 286-7028.

45 46

Contents

Executive S	ummary	ES-1
	Project Overview	ES-1
	Separate Remedial Processes	
	Goal and Objectives	
	Project Goal	
	Project Objectives	
	Restoration Alternatives	
	Environmental Consequences	
	Significant Unavoidable Effects	
	Irreversible and Irretrievable Commitment of	
	Resources	ES-7
	Relationship between Short-Term Uses of the	
	Environment and the Maintenance and	
	Enhancement of Long-Term Productivity	ES-7
	Public Issues, Public Involvement, and Areas of	
	Controversy	ES-8
	Selection of the Preferred Alternative	ES-11
	Diverse Array of Habitats	ES-12
	Management Considerations	ES-12
	Beneficial Use of Dredged Material	ES-13
	Site Opportunities and Constraints	ES-13
	No Net Loss of Wetland Habitat at the BMKV and	
	HAAF Sites	ES-15
	Creation and Maintenance of Wetland Habitats that	
	Support Bay Area Special-Status Species	ES-15
	Buffers between Wildlife and Adjacent Land Uses	ES-16
	Compatibility with Adjacent Land Uses and Wildlife	
	Habitats	ES-17
	Public Access Compatible with Protection of	
	Resource Values	ES-17
Chapter 1	Introduction	1-1
	Overview of the Proposed Wetland Restoration	1-1
	State and Federal Agency Sponsors	1-2
	Overview of the National Environmental Policy Act and	
	the California Environmental Quality Act	1-2
	Public Involvement and Scoping	1-4

i

	Project Scoping	
	Distribution and Review of the Draft SEIR/EIS	1-5
	Final SEIR/EIS	1-5
	Intent and Scope of this SEIR/EIS	1-6
	Intent	1-6
	Scope	1-6
	List of Local, State, and Federal Permits	
Chapter 2	Purpose and Need	2-1
	Statutory Authority	2-1
	Purpose and Need	
	Goal and Objectives	
	Project Goal	
	Project Objectives	
	Relationship of the Proposed Bel Marin Keys Unit V	
	Expansion to other Projects and Plans	2-4
	Hamilton Wetland Restoration Project	
	San Francisco Bay Plan	
	Long-Term Management Strategy for Disposal of	
	Dredged Sediments in San Francisco Bay	2-6
	San Francisco Estuary Project Comprehensive	
	Conservation and Management Plan	2-6
	Ecosystem Restoration Program PlanPlan	
	San Francisco Estuary Baylands Ecosystem Goals	
	Project Marin Countywide Plan	
	City of Novato General PlanBay Trail Plan	
	Oakland Harbor Navigation Improvement (50-Foot)	∠-9
	Project	2.0
	Defense Base Closure and Realignment Act of	2-9
	1988	2-0
	Formerly Used Defense Site Remediation at SLC	∠-3
	Parcel	2-10
01 4 0	B	0.4
Chapter 3	Description of Alternatives	3-1
	Introduction and Summary	
	Alternatives Under Consideration	
	No-Action Alternative	3-5
	Alternative 1 – Dredged Material Placement with	
	Enlarged Pacheco Pond	3-5
	Revised Alternative 2 – Dredged Material	
	Placement with Seasonal Wetlands and Enlarged	.
	Pacheco Pond	3-20
	Alternative 3 – Natural Sedimentation with Enlarged	2.55
	Pacheco Pond	
	Comparison of Restoration Alternatives	3-37

	Alternatives and Alternative Features Dismissed from	
	Further Consideration	
	Alternative 4 – Varying Habitat Mosaics	3-42
	Alternative 5 – "Historic" Bay/Wetland Restoration	
	Alternative 6 – Hybrid of Dredged Material and	
	Natural Sedimentation Approaches	3-43
	Alternative 7 – Smaller Restoration Project	
	Alternative Feature 8 – Alternative Bay Trail Route	
	· · · · · · · · · · · · · · · · · · ·	5-44
	Alternative Feature 9 – Alternative Novato Sanitary	0.44
	District Wastewater Alignments	3-44
	Alternative Feature 10 – In-Kind Replacement of	
	Agricultural Wetlands	3-45
	Alternative Feature 11 – Extend Tidal Reach to	
	Pacheco Pond	3-46
	Alternative Feature 12 – Removal of Berm	
	Separating BMKV and HAAF	3-47
	Alternative Feature 13 – Alternative Breach	
	Location on Novato Creek	3-47
	Alternative Feature 14 – Reclaimed Wastewater	
		2.47
	Alternative	3-47
	Alternative Feature 15 – Single Large-Basin,	
	Single-Breach Alternative	3-47
	Alternative Feature 16 – Flood Control Alternative	
	Feature 1	3-48
	Alternative Feature 17 – Flood Control Alternative	
	=	0.40
	Feature 2	3-49
	Feature 2	3-49
Chapter 4		3-49
Chapter 4	Affected Environment and Environmental	
Chapter 4		
Chapter 4	Affected Environment and Environmental Consequences	4-1
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity	4-1 4-2
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment.	4-1 4-2
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment. Environmental Consequences and Mitigation	4-1 4-2 4-2
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures	4-14-24-6
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics	4-14-24-24-64-12
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures	4-14-24-24-64-12
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics	4-14-24-24-64-12
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment	4-14-24-64-12
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures	4-24-64-124-26
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality	4-24-64-124-264-47
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment. Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment. Environmental Consequences and Mitigation Measures Water Quality Affected Environment.	4-24-64-124-264-47
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation	4-14-24-64-124-264-47
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Mater Quality Affected Environment Environmental Consequences and Mitigation Measures	4-14-64-124-124-264-474-61
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Public Health	4-14-24-64-124-264-474-614-72
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment. Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment. Environmental Consequences and Mitigation Measures Water Quality Affected Environment. Environmental Consequences and Mitigation Measures Public Health Affected Environment.	4-14-24-64-124-264-474-614-72
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation	4-14-24-64-124-124-474-474-614-72
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation Measures	4-14-64-124-124-264-474-614-724-72
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation	4-14-64-124-124-264-474-614-724-72
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment Environmental Consequences and Mitigation Measures Water Quality Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation Measures Public Health Affected Environment Environmental Consequences and Mitigation Measures	4-14-24-64-124-124-124-124-264-474-474-614-724-754-78
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment. Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment. Environmental Consequences and Mitigation Measures Water Quality Affected Environment. Environmental Consequences and Mitigation Measures Public Health. Affected Environment. Environmental Consequences and Mitigation Measures Public Health. Affected Environment. Environmental Consequences and Mitigation Measures Biological Resources Affected Environment.	4-14-24-64-124-124-124-124-264-474-474-614-724-754-78
Chapter 4	Affected Environment and Environmental Consequences Geology, Soils, and Seismicity Affected Environment. Environmental Consequences and Mitigation Measures Surface-Water Hydrology and Tidal Hydraulics Affected Environment. Environmental Consequences and Mitigation Measures Water Quality Affected Environment. Environmental Consequences and Mitigation Measures Public Health. Affected Environment. Environmental Consequences and Mitigation Measures Public Health. Affected Environment. Environmental Consequences and Mitigation Measures Biological Resources	4-14-24-64-124-124-124-264-474-474-614-724-724-78

	Land Use and Public Utilities	4-131
	Affected Environment	4-131
	Environmental Consequences and Mitigation	
	Measures	4-148
	Hazardous Substances and Waste	
	Affected Environment	4-157
	Environmental Consequences and Mitigation	
	Measures	
	Transportation	
	Affected Environment	4-176
	Environmental Consequences and Mitigation	
	Measures	
	Air Quality	
	Affected Environment	4-181
	Environmental Consequences and Mitigation	
	Measures	
	Noise	4-191
	Affected Environment	4-191
	Environmental Consequences and Mitigation	
	Measures	4-195
	Cultural Resources	4-202
	Introduction	4-202
	Determination of Significance of Cultural Resources	4-204
	Affected Environment	4-206
	Environmental Consequences and Mitigation	
	Measures	4-214
	Aesthetics	4-218
	Affected Environment	4-218
	Environmental Consequences and Mitigation	
	Measures	4-220
Chapter 5	Other Required Analyses	5-1
	Cumulativa Impacta	5 1
	Cumulative Impacts	
	Requirements for Analysis	
	Approach to Cumulative Impact Analysis	
	Geology, Soils, and Seismicity	
	Surface-Water Hydrology and Tidal Hydraulics	
	Water Quality	
	Public Health	
	Biological Resources	
	Land Use and Public Utilities	
	Hazardous Substances and Waste	
	Transportation, Air Quality, and Noise	
	Cultural Resources	
	Aesthetics	
	Significant and Unavoidable Impacts	5-8
	Irreversible and Irretrievable Commitment of	
	Resources	5-10

	Environment and the Maintenance and Enhancement	F 40
	of Long-Term Productivity	5-10
Chapter 6	Scoping, Consultation, and Other Requirements	6-1
	Scoping	6-1
	Consultation and Requirements	
	Federal Endangered Species Act	6-2
	National Historic Preservation Act	6-3
	Farmland Protection Policy Act	
	Fish and Wildlife Coordination Act	
	Marine Protection, Research, and Sanctuaries Act	
	Anadromous Fish Conservation Act	6-5
	Magnuson Fishery Conservation and Management Act	6-5
	Executive Order 11988—Floodplain Management	
	Executive Order 11990—Protection of Wetlands	
	Executive Order 12898—Environmental Justice	
Chapter 7	List of Preparers and Distribution List	7-1
•	List of Preparers	
	California State Coastal Conservancy	
	San Francisco Bay Conservation and Development	
	Commission	7-2
	Jones & Stokes	
	Northwest Hydraulics Consultants	
	Moffitt, Nichol	
	Distribution List for Final SEIS/R	
	Federal Agencies Receiving Final SEIR/EIS	
	State Agencies Receiving Final SEIR/EIS	
	Local Agencies Receiving Final SEIR/EIS	
	California Congressional Representatives	•
	Receiving Notice of Availability	7-6
	California State Legislature Representatives	
	Receiving Notice of Availability	7-6
	Local Representatives Receiving Notice of	
	Availability	7-7
	Organizations Receiving Notice of Availability	7-7
	Individuals Receiving Notice of Availability	7-10
	Libraries where Final SEIR/EIS is Available	
	Internet Availability	7-10
Chapter 8	References	8-1
	References Cited	
	Personal Communications	8-16

Chapter 9	Acronyms and Abbreviations9-1
Appendices	
Appendix A	Selected Pages from Hamilton Wetland Restoration Project EIS/EIR Project Description
Appendix B	Bel Marin Keys Hydrologic and Hydraulic Modeling and Supporting Information
Appendix C	Summary of Bel Marin Keys Flood Easements, Marin County Flood Ordinances and Supporting Information
Appendix D	Special-Status Plant and Animal Species Table and USFWS and NMFS Correspondence
Appendix E	Air Quality Conformity Determination
Appendix F	Aesthetics Line of Sight Analysis
Appendix G	Scoping Report
Appendix H	Draft Section 404 (b) (1) Alternatives Evaluation
Appendix I	Agreement Regarding Flooding and Drainage for Bel Marin Keys Unit v Property
Appendix J	Land Use Policy Consistency Analysis
Appendix K	Draft Monitoring and Adaptive Management Plan

List of Figures

Figure	Follows Page
1-1	Location of the Bel Marin Keys Unit V Expansion Site1-1
1-2	Bel Marin Keys Unit V Expansion Site1-1
3-1	Bel Marin Keys Restoration Alternative 1 at Maturity3-5
3-2	Schematic Cross Sections of Habitats Restored under Alternative 1
3-3	Construction Approach for Bel Marin Keys Alternative 1
3-4	Approximate Location of Off-loading Facility3-16
3-5	Bel Marin Keys Restoration Revised Alternative 2 at Maturity3-21
3-6	Schematic Cross Sections of Habitats Restored under Revised Alternative 23-21
3-7	Construction Approach for Bel Marin Keys Revised Alternative 2

3-6	Maturity	3-30
3-9	Schematic Cross Sections of Habitats Restored under Alternative 3	3-30
3-10	Construction Approach for Bel Marin Keys Alternative 3	3-34
3-11	Tidal Habitat Evolution for Bel Marin Keys Alternatives 1, 3, and Revised Alternative 2	3-38
3-12	Typical New and Improved Levee Cross Sections Alternatives 1 and 3	3-38
3-13	Typical New and Improved Levee Cross Sections Revised Alternative 2	3-38
4-1	Active and Potentially Active Faults in the Vicinity of the Bel Marin Keys Unit V Expansion Site	4-2
4-2	Hydrologic Setting at the Project Site	4-13
4-3	Flood Zoning Overlays, Flood Related Easements and Drainage Agreements	4-23
4-4	Flood Zoning in the Vicinity of the Bel Marin Keys Unit V Expansion Site	4-23
4-5	Stage Hydrographs at Select Locations along Novato Creek, Scenario A	4-32
4-6	Stage Hydrographs at Select Locations along Novato Creek, Scenario B	4-32
4-7	Novato Creek and Outer Navigation Channel	4-44

4-8	Habitat Types on the Bel Marin Keys Unit V Expansion Site4-80
4-9	Schematic of Habitats by Tide Levels4-80
4-10	Common Trail Segments at Hamilton, All Alternatives4-109
4-11	Current and Adjacent Land Uses at the Bel Marin Keys Unit V Expansion Site4-144
4-12	Current and Adjacent Zoning at the Bel Marin Keys Unit V Expansion Site4-144
4-13	Areas of Concern Identified in Prior Phase I and Phase II Studies at BMKV Parcel4-161
4-14	Areas of Concern Identified at the SLC Parcel4-162
4-15	Wind Rose Depicting Average Wind Speed and Directional Frequency at Hamilton Army Airfield4-181
4-16	Key Viewpoints at the Bel Marin Keys Unit V Expansion Site4-218
4-17	Views of the Bel Marin Keys Unit V Expansion Site from Streets in the Bel Marin Keys Residential Community4-218

List of Tables

olePage
-1 BMKV Expansion Alternatives Considered in this SEIR/EISES-4
-2 Summary of Impacts and Mitigation Measures follows page ES-18
List of Local, State, and Federal Permits and Other Approvals Expected for the BMKV Expansion of the HWRPfollows page 1-7
BMKV Expansion Alternatives Considered in this SEIR/EIS3-2
Estimated Postrestoration Habitat Acreages at BMKV Expansion Site3-4
Summary of Alternative 1: Dredged Material Placement with Enlarged Pacheco Pond3-6
Summary of Revised Alternative 2: Dredged Material Placement with Seasonal Wetland and Enlarged Pacheco Pond3-21
Summary of Alternative 3: Natural Sedimentation with Enlarged Pacheco Pond3-31

3-6	the Expansion Alternatives3-39
3-7	Alternatives Considered but Eliminated from Detailed Analysis3-41
3-8	Alternative Features Considered but Eliminated from Detailed Analysis3-41
4-1	Elevations of Levees Adjacent to Bel Marin Keys Unit V Expansion Site4-14
4-2	Tide Information from the Petaluma River Entrance4-21
4-3	Peak Water Surface Elevations in Pacheco Pond (feet NGVD 29)4-31
4-4	Waters in the San Pablo Bay and Tributary to the Bay Listed as Impaired by the San Francisco Bay Regional Water Quality Control Board under Section 303(d) of the Clean Water Act4-56
4-5	Areas in the San Pablo Bay that Have Significant Sediment Contamination4-57
4-6	Estimated Acreages of Potential Existing and Post-Restoration Mosquito Breeding Habitat in the Expansion Area4-73
4-7	Estimated Extent of Habitat Types (Acres) Present in the BMKV Site under the No-Action Alternative and Alternatives 1–3 at Year 50 after Project Implementation, and the Net Change in Extent of Habitat Types Restored Under the Project Alternatives from the No-Action Alternative follows page 4-80
4-8	Results of Phase I Environmental Site Assessment and Phase II Shallow Soil Investigation for the BMKV Expansion Sitefollows page 4-161

4-9	Results of Dredged Material Area Soil Testing (2000) (mg/kg, dry weight)4-162
4-10	Summary of Draft Remedial Investigation Findings for SLC Parcel4-163
4-11	San Francisco Bay Sediment Screening Criteria and Ambient-Level Thresholds (mg/kg)4-169
4-12	Results of Novato Creek Sampling (2000)4-170
4-13	San Pablo Bay/Carquinez Strait Reference Site Sampling4-171
4-14	Signalized Intersection LOS Criteriafollows page 4-177
4-15	Unsignalized Intersection LOS Criteria4-177
4-16	Intersection Level of Service and Peak-Hour Freeway Operations4-177
4-17	Federal and State Ambient Air Quality Standardsfollows page 4-181
4-18	Ambient Air Quality Monitoring Data Recorded at San Rafael Monitoring Stationfollows page 4-184
4-19	Off-loading Activity NO _x Emissions Summary, BMKV Expansion (annual tons)follows page 4-190
4-20	Measured Noise Levels at Selected Locations in the BMKV Expansion Area4-193
4-21	Allowable Noise Exposure from Stationary Noise Sources in Marin County4-194

4-22	City of Novato Noise and Land Use Compatibility Standards	4-195
4-23	Construction Equipment Noise Emission Levels	4-196
4-24	Estimated Onshore Construction Noise in the Vicinity of an Active Construction Site	4-197
5-1	Cumulative Habitats, HWRP and BMKV Expansionfollows p	oage 5-5